

XP-002142298

AN - 1987-034141 [25]

AP - JP19850131098 19850617; JP19850131098 19850617; [Based on J61291901]

CPY - SUMS

DC - L03 M22 P53

DR - 0101-U 0307-U 0441-U

FS - CPI;GMPI

IC - B22F1/00 ; B22F3/02 ; B22F9/04

MC - L03-B02A5 M22-H01

PA - (SUMS) SUMITOMO SPECIAL METALS CO LTD

PN - JP61291901 A 19861222 DW198705 005pp

- JP5071641B B 19931007 DW199343 B22F1/00 000pp

PR - JP19850131098 19850617

XA - C1987-014678

XIC - B22F-001/00 ; B22F-003/02 ; B22F-009/04

XP - N1987-025681



AB - J61291901 A solvent to be added into a Fe-B-rare earth metal base permanent magnet powder comprises fluorinated hydrocarbon or chlorinated hydrocarbon. Amt. of oxygen contained in the fluorinated hydrocarbon or chlorinated hydrocarbon is adjusted to less than 0.1 wt.%.
- Pref. fluorinated hydrocarbon is trichlorotrifluoroethane, perfluorobenzene etc. having a b.pt. of higher than 35 deg.C. The chlorinated hydrocarbon is carbon tetrachloride, trichloroethylene or trichloroethane.

- USE/ADVANTAGE - The solvent may be added into the Fe-B-rare earth metal type permanent magnet powders when crushing into fine particles in a ball mill or when pressing into desired shape in a die. It is possible to crush or press the Fe-B-rare earth metal base permanent magnet powder without lowering good magnetic properties. This solvent has good stability, good handling of property and prevents the oxidn. of the permanent magnet powders when crushing or pressing.

AW - IRON@ BORON@ BORON

AKW - IRON@ BORON@ BORON

IW - SOLVENT CRUSH IRON BORIDE RARE EARTH PERMANENT MAGNET POWDER COMPRISE FLUORINATED CHLORINATED HYDROCARBON CONTAIN AMOUNT OXYGEN

IKW - SOLVENT CRUSH IRON BORIDE RARE EARTH PERMANENT MAGNET POWDER COMPRISE FLUORINATED CHLORINATED HYDROCARBON CONTAIN AMOUNT OXYGEN

NC - 001

OPD - 1985-06-17

ORD - 1986-12-22

PAW - (SUMS) SUMITOMO SPECIAL METALS CO LTD

TI - Solvent for crushing Iron boride rare earth permanent magnet powder - comprises fluorinated or chlorinated hydrocarbon contg. a small amt. of oxygen